UNCERTAINTY REDUCTION IN COLLABORATIVE BOOTSTRAPPING: MEASURE AND ALGORITHM

ABSTRACT OF THE DISCLOSURE

5   Collaborative bootstrapping with uncertainty reduction for increased classifier performance. One classifier selects a portion of data that is uncertain with respect to the classifier and a second classifier labels the portion. Uncertainty reduction includes

10   parallel processing where the second classifier also selects an uncertain portion for the first classifier to label. Uncertainty reduction can be incorporated into existing or new co-training or bootstrapping, including bilingual bootstrapping.